

102164 to 102170—Continued.

For previous introduction and description see 101884.

102168. *Rød Rosenstrips*.

For previous introduction and description see 101885.

102169. *Stor Torstein*.

For previous introduction and description see 101889.

102170. *Torstein*.

For previous introduction and description see 101888.

102171 to 102180.

From Norway. Scions presented by Fylke-gardner Mørk, Drammen, through Marguard H. Lund, commercial attaché, Legation of the United States of America, Oslo. Received March 8, 1933.

Received under the following varietal names:

102171 to 102177. *MALUS SYLVESTRIS* Mill. Malaceae. Apple.

102171. *Bogarudeple*.

102172. *Retvedteple*. A red apple from Eiker, Buskerud Fylke.

102173. *Rødteple*. A red apple from Alfstad, Østre Toten, Opland Fylke.

102174. A red apple from Lunnatoten, Opland Fylke.

102175. A red striped apple from Alfstad, Østre Toten, Opland Fylke.

102176. From Ål in Hallingdal, Buskerud Fylke.

102177. From Gol in Hallingdal, Buskerud Fylke.

102178 to 102180. *PRUNUS CERASUS* L. Amygdalaceae. Sour cherry.

A collection of cherries from Lier, Buskerud Fylke.

102178. *Rødt Rotekte*.

102179. *Skygekirsebaer*. A very late seedling cherry.

102180. *Sortrotekte*. [Genuine red.]

102181 and 102182. *SOJA MAX* (L.) Piper. Fabaceae. Soybean.

From France. Seeds presented by Prof. L. Rouest, Paris, through J. W. Pincus, New Brunswick, N.J. Received March 6, 1933.

Yakovlev. Two varieties of soybeans, originally from Russia, which Prof. L. Rouest has developed under French conditions.

102181. An olive-yellow bean with a smooth skin.

102182. Olive-yellow beans with wrinkled skins, many of which are split.

102183. *TRIFOLIUM REPENS* L. Fabaceae. White clover.

From England. Plants purchased from Sutton & Sons, Ltd., Reading. Received March 7, 1933.

Variety *pentaphyllum*. A form having five leaflets, often bronzy. Introduced for the use of forage-crop specialists.

102184. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.

From Guatemala. Seeds presented by Don Jorge García Salas, Guatemala City. Received February 27, 1933.

A wild bean collected near Guatemala City at 1,580 feet altitude. The small brown seeds have a black ring around the hilum. Introduced for comparison studies with varieties now being grown on the Pacific coast.

102185 and 102186.

From Peru. Seeds presented by Earl Hansen. Received March 1, 1933.

102185. *TECOMARIA* sp. Bignoniaceae.

Pingo Pingo. An erect shrub with pinnate leaves and red flowers in terminal clusters. Collected near Chachapoyas, Peru, between 9,000 and 12,000 feet altitude, in loose sandy soil.

102186. *CHUQUIRAGA SPINOSA* D. Don. Asteraceae.

Huamampinto. From Huancayo, Peru, between 13,500 and 14,000 feet altitude. An erect, densely-branched, spiny shrub 2 feet high, with alternate, sessile, ovate-lanceolate, leathery leaves half an inch long and yellowish flowers in small heads. Found in sheltered places with gravelly soil, usually old river bottoms.

102187. *GOSSYPIUM TOMENTOSUM* Nutt. Malvaceae. Cotton.

From Hawaii. Seeds presented by the horticultural division of the United States Experiment Station, Honolulu. Received March 2, 1933.

A softly pubescent plant with red-brown lint.

102188 to 102190.

From Cuba. Seeds presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Walsingham. Received March 2, 1933.

102188. *ARECA GLANDIFORMIS* Lam. Phoenicaceae. Palm.

A slender, spineless, pinnate-leaved palm closely resembling *Linoma* (*Areca*) *alba*. It is native to the Molucca Islands.

102189. *ARECA* sp. Phoenicaceae. Palm.

102190. *PLUMERIA SERICIFOLIA* Wright. Apocynaceae.

A small tropical tree 8 to 14 feet high, with oblong, obtuse leaves, white-hairy beneath and about 5 inches long, and white flowers about 2 inches long in small cymes. Native to western Cuba.

102191 to 102213.

From England. Plants purchased from W. J. Marchant, Keeper's Hill Nursery, near Wimborne, Dorset. Received March 11, 1933.

102191 to 102193. *CASSIOPE* spp. Ericaceae.

102191. *CASSIOPE LYCOPODIODES* (Fall.) D. Don.

A low creeping plant with slender stems, scalelike crowded leaves, and nodding white, bell-shaped flowers borne singly on erect peduncles. Native to northeastern Siberia.